

October 30, 2006

Fluid Minerals Group  
Bureau of Land Management  
Vernal Field Office  
170 South 500 East  
Vernal, Utah 84078

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc.  
LCU 11-11H;

Surface Location: 692' FSL & 2,130' FWL, SE/4 SW/4,  
Target Location: 1,980' FSL & 1,980' FWL, NE/4 SW/4,  
Section 11, T11S, R20E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and three copies of the Application for Permit to Drill (APD) for the above referenced BLM administered directional well. The location of the surface and target location as well as all points along the intended well bore path are within Cause No. 259-01 and are not within 460 feet of the unit boundary or any uncommitted tracts. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan with Directional Drilling Survey;

Exhibit "E" - Surface Use Plan;

Exhibit "F" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Carla Christian of Dominion at 405-749-5263 if you have any questions or need additional information.

Sincerely,

*Don Hamilton*

Don Hamilton  
Agent for Dominion

cc: Diana Whitney, Division of Oil, Gas and Mining  
Carla Christian, Dominion  
Ken Secrest, Dominion

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DIV. OF OIL, GAS & MINING

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0137  
Expires March 31, 2007

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-73436
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Dominion Exploration & Production, Inc.		7. If Unit or CA Agreement, Name and No. Little Canyon Unit
3a. Address 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134		8. Lease Name and Well No. LCU 11-11H
3b. Phone No. (include area code) 405-749-5263		9. API Well No. 43-047-38790
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 692' FSL & 2,130' FWL, SE/4 SW/4, At proposed prod. zone 1,980' FSL & 1,980' FWL, NE/4 SW/4,		10. Field and Pool, or Exploratory undesignated
14. Distance in miles and direction from nearest town or post office* 15.17 miles south of Ourray, Utah		11. Sec., T. R. M. or Blk. and Survey or Area Section 11, T11S, R20E, SLB&M
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 692'	16. No. of acres in lease 1,280 acres	17. Spacing Unit dedicated to this well 40 acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 25'	19. Proposed Depth 9,250' TVD (9,581' MD)	20. BLM/BIA Bond No. on file WY 3322
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,184' GR	22. Approximate date work will start* 07/15/2007	23. Estimated duration 14 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- |  |   |
|--|---|
| 1. Well plat certified by a registered surveyor.   | 4. Bond to cover the operations unless covered by an existing bond on file (see item 20 above). |
| 2. A Drilling Plan.  | 5. Operator certification   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM.             |

25. Signature <u>Don Hamilton</u>	Name (Printed/Typed) Don Hamilton	Date 10/30/2006
Title Agent for Dominion		
Approved by <u>Bradley G. Hill</u>	Name (Printed/Typed) BRADLEY G. HILL	Date 11-07-06
Title Officer ENVIRONMENTAL MANAGER		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

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Federal Approval of this  
Action is Necessary

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Sher f

BHL

615667X  
4413450Y  
39.869607  
-109.647578

615615X  
4414342Y  
39.873140  
-109.648113

C.C.  
Set Marked Stone,  
Pile of Stones

NE Cor. Sec. 3,  
True Position

T11S, R20E, S.L.B.&M.

Set Marked Stone,  
Pile of Stones

DOMINION EXPLR. & PROD., INC.

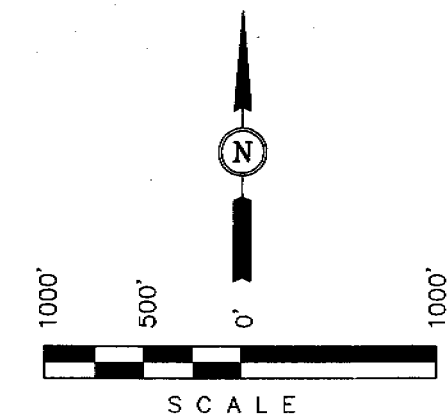
Well location, LCU #11-11H, located as shown  
in the SE 1/4 SW 1/4 of Section 11, T11S,  
R20E, S.L.B.&M. Uintah County, Utah.

### BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION  
20, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK  
MTN. NW QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE  
QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED  
STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL  
SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.

### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE DEED WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*[Signature]*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 03-23-06	DATE DRAWN: 03-27-06
PARTY J.R. L.M. P.M.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE DOMINION EXPLR. & PROD., INC.	

Sec. 3

Sec. 2

Sec. 1

Sec. 10

Sec. 12

Sec. 13

Section Corner Re-Established Using  
Double Proportion Method  
(Not Set On Ground)

Section Corner Re-Established Using  
Double Proportion Method  
(Not Set On Ground)

S 1/4 Cor. Sec. 1,  
Set Marked Stones,  
Pile of Stones

Section Corner Re-Established Using  
Double Proportion Method  
(Not Set On Ground)

Set Marked  
Stone

Set Stone

Pile of Stones

W 1/4 Cor. Sec.  
13, Set Marked  
Stone

(NAD 83)  
LATITUDE = 39°52'10.28" (39.869522)  
LONGITUDE = 109°38'53.84" (109.648289)  
(NAD 27)  
LATITUDE = 39°52'10.40" (39.869556)  
LONGITUDE = 109°38'51.35" (109.647597)

LCU #11-11H  
Elev. Ungraded Ground = 5184'

Bottom  
Hole

Set Stone

### LEGEND:

- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED.  
BY DOUBLE PROPORTION METHOD. (Not Set On Ground)

## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### Attachment for Permit to Drill

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** LCU 11-11H  
SHL: 692' FSL & 2130' FWL Section 11-11S-20E  
BHL: 1980' FSL & 1980' FWL Section 11-11S-20E  
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	3,533'
Green River Tongue	3,856'
Wasatch	3,986'
Chapita Wells	4,866'
Uteland Buttes	6,006'
Mesaverde	6,756'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	3,533'	Oil
Green River Tongue	3,856'	Oil
Wasatch	3,986'	Gas
Chapita Wells	4,866'	Gas
Uteland Buttes	6,006'	Gas
Mesaverde	6,756'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	STC	0'	4,281'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	9,581'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

Production hole: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed.

The pipe rams will be operated at least once per day from surface to total depth. The blind rams will be tested once per day from surface to total depth if operations permit.

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## DRILLING PLAN

### APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling out surface casing shoe and anytime a new casing string is set. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

#### 6. MUD SYSTEMS

- An air or an air/mist system may be used to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.
- The mud system will be monitored manually/visually.

<u>Depths</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' - 500'	8.4	Air foam mist, no pressure control
500' - 4,281'	8.6	Fresh water, rotating head and diverter
4,281' - 9,581'	8.6	Fresh water/2% KCL/KCL mud system

#### 7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a constant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 80' from the wellhead.

#### 8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

#### 9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

#### 10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H<sub>2</sub>S gas.

#### 11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this well will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

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## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### 12. CEMENT SYSTEMS

##### a. Surface Cement:

- Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl<sub>2</sub> and 1/4 #/sk. Polyflake (volume includes 70% excess). Top out as necessary. Casing to be centralized with a total of 5 centralizers.

##### b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 4,281'±, run and cement 9-5/8" to surface.
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug one joint off bottom e) bottom three joints thread locked f) pump job with bottom plug only. Casing to be centralized with a total of 15 centralizers.
- Cement to surface not required due to surface casing set deeper than normal.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	517	0'-3,781'	10.5 ppg	4.14 CFS	1222 CF	2,139 CF
Tail	254	3,781'-4,281'	15.6 ppg	1.2 CFS	174 CF	304 CF

Intermediate design volumes based on 75% excess of gauge hole.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
Slurry yield: 4.14 cf/sack Slurry weight: 10.5 #/gal.  
Water requirement: 26.07 gal/sack  
Compressives @ 110°F: 72 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 46.5% fresh water.  
Slurry yield: 1.20 cf/sack Slurry weight: 15.6 #/gal.  
Pump Time: 1 hr. 5 min. @ 110 °F.  
Compressives @ 110 °F: 2,500 psi after 24 hours

##### c. Production Casing Cement:

- Drill 7-7/8" hole to 9,581'±, run and cement 5 1/2".
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 2% KCL.
- Production casing to be centralized with 30 centralizers.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	90	3,186'-3,986'	11.5 ppg	3.12 CFS	139 CF	277 CF
Tail	1110	3,986'-9,581'	13.0 ppg	1.75 CFS	969 CF	1939 CF

Production design volumes based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch +15%.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
Slurry yield: 3.12 cf/sack Slurry weight: 11.60 #/gal.  
Water requirement: 17.71 gal/sack  
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.  
Slurry yield: 1.75 cf/sack Slurry weight: 13.00 #/gal.  
Water requirement: 9.09 gal/sack  
Compressives @ 165°F: 905 psi after 24 hours

#### 13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: July 15, 2007

Duration: 14 Days

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**Dominion**

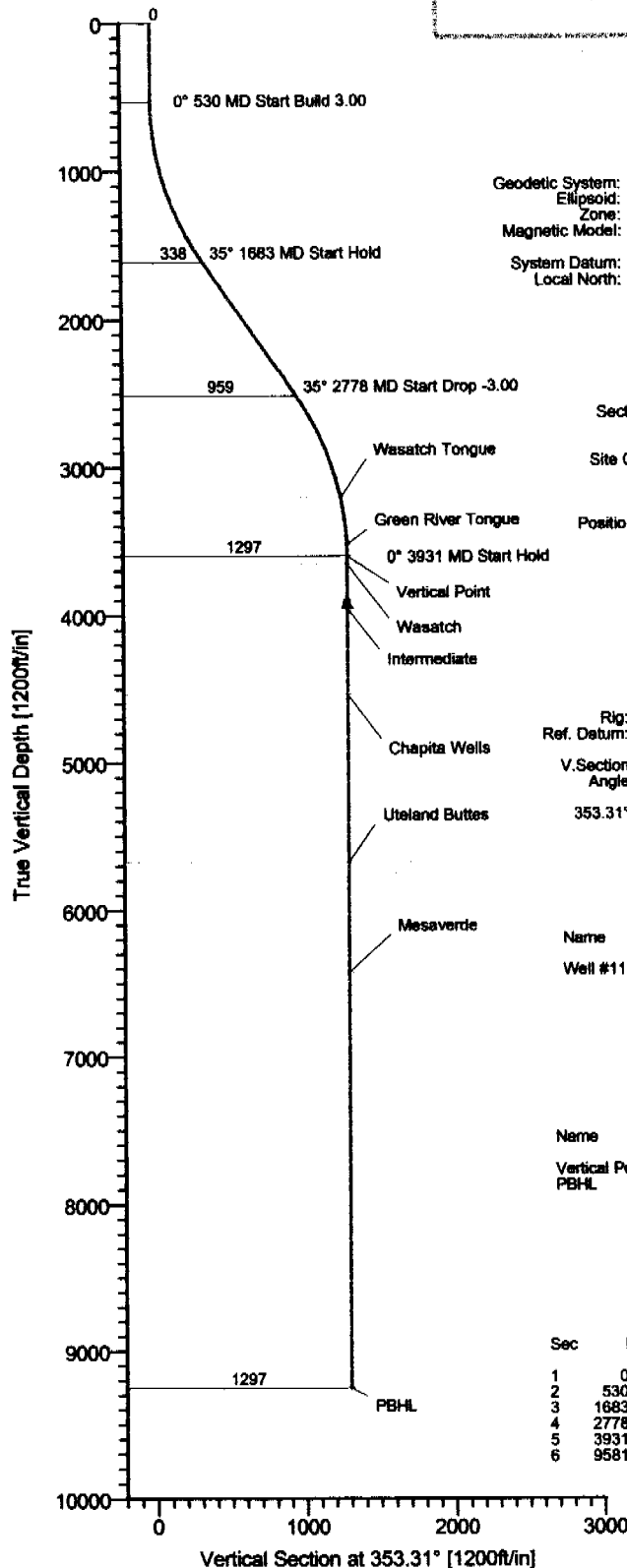
# Dominion Exploration & Production

Field: Uintah County, Utah  
Site: LCU 11-11H  
Well: Well #11-11H  
Wellpath: Original Hole  
Plan: Plan #1



Azimuths to True North  
Magnetic North: 11.70°

Magnetic Field  
Strength: 52757nT  
Dip Angle: 65.85°  
Date: 10/20/2006  
Model: igr2005



## FIELD DETAILS

Uintah County, Utah  
Utah - Natural Buttes  
USA

Geodetic System: US State Plane Coordinate System 1983  
Ellipsoid: GRS 1980  
Zone: Utah, Central Zone  
Magnetic Model: igr2005  
System Datum: Mean Sea Level  
Local North: True North

## SITE DETAILS

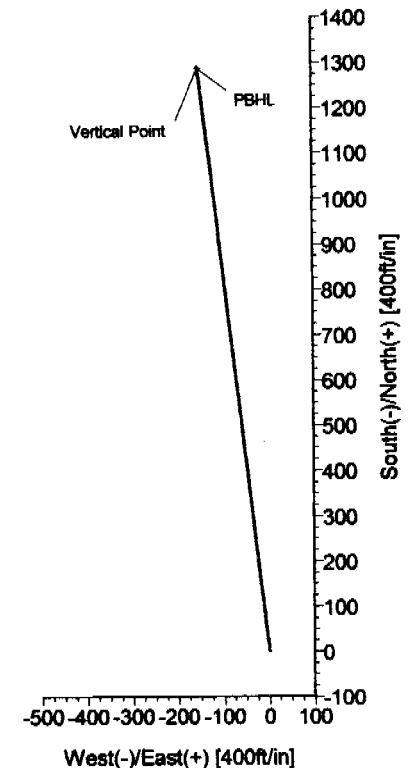
LCU 11-11H  
Section 11, T11S, R20E, S.L.B. & M.  
Uintah County, Utah

Site Centre Latitude: 39°52'10.280N  
Longitude: 109°38'53.840W  
Ground Level: 5179.00  
Positional Uncertainty: 0.00  
Convergence: 1.19

## WELLPATH DETAILS

### Original Hole

Rig:			
Ref. Datum:	SITE	5195.00R	
V. Section Angle	Origin +N/-S	Origin +E/-W	Starting From TVD
353.31°	0.00	0.00	9250.00



## WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Well #11-11H	0.00	0.00	7126591.44	2160098.39	39°52'10.280N	109°38'53.840W	N/A

## TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Vertical Point	3600.00	1288.08	-151.20	Point
PBHL	9250.00	1288.08	-151.20	Point

## FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	3205.00	3533.27	Wasatch Tongue
2	3525.00	3856.12	Green River Tongue
3	3655.00	3986.14	Wasatch
4	4535.00	4886.14	Chapita Wells
5	5875.00	6006.14	Uteland Buttes
6	6425.00	6756.14	Mesaverde

## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	353.31	0.00	0.00	0.00	0.00	0.00	0.00	
2	530.00	0.00	353.31	530.00	0.00	0.00	0.00	0.00	0.00	
3	1683.04	34.59	353.31	1614.26	335.32	-39.36	3.00	353.31	337.62	
4	2778.10	34.59	353.31	2515.74	952.76	-111.84	0.00	0.00	959.30	
5	3931.14	0.00	353.31	3600.00	1288.08	-151.20	3.00	180.00	1296.92	Vertical Point
6	9581.14	0.00	353.31	9250.00	1288.08	-151.20	0.00	353.31	1296.92	PBHL

Ryan Energy Technologies  
16510 OH Center Blvd  
Houston, TX 77073  
Ph: 281-443-1414  
Fx: 281-443-1676



Plan: Plan #1 (Well #11-11H Original Hole)  
Created By: Alex Gonzalez Date: 10/20/2006  
Checked: Date:   
Reviewed: Date:   
Approved: Date:

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# Ryan Energy Technologies

## Planning Report



Company: Dominion Exploration & Product  
Field: Uintah County, Utah  
Site: LCU 11-11H  
Well: Well #11-11H  
Wellpath: Original Hole

Date: 10/20/2006 Time: 10:40:47 Page: 1  
Co-ordinate(NE) Reference: Well: Well #11-11H, True North  
Vertical (TVD) Reference: SITE 5195.0  
Section (VS) Reference: Well (0.00N,0.00E,353.31Azi)  
Plan: Plan #1

Field: Uintah County, Utah  
Utah - Natural Buttes  
USA

Map System: US State Plane Coordinate System 1983  
Geo Datum: GRS 1980  
Sys Datum: Mean Sea Level

Map Zone: Utah, Central Zone  
Coordinate System: Well Centre  
Geomagnetic Model: igrf2005

Site: LCU 11-11H  
Section 11, T11S, R20E, S.L.B. & M.  
Uintah County, Utah

Site Position: Northing: 7126591.44 ft Latitude: 39 52 10.280 N  
From: Geographic Easting: 2160098.39 ft Longitude: 109 38 53.840 W  
Position Uncertainty: 0.00 ft North Reference: True  
Ground Level: 5179.00 ft Grid Convergence: 1.19 deg

Well: Well #11-11H

Slot Name:

Well Position: +N-S 0.00 ft Northing: 7126591.44 ft Latitude: 39 52 10.280 N  
+E-W 0.00 ft Easting: 2160098.39 ft Longitude: 109 38 53.840 W  
Position Uncertainty: 0.00 ft

Wellpath: Original Hole

Current Datum: SITE Height 5195.00 ft  
Magnetic Data: 10/20/2006  
Field Strength: 52757 nT  
Vertical Section: Depth From (TVD) ft

Drilled From: Surface  
Tie-on Depth: 0.00 ft  
Above System Datum: Mean Sea Level  
Declination: 11.70 deg  
Mag Dip Angle: 65.85 deg  
+N-S Direction  
+E-W deg

9250.00 0.00 0.00 353.31

Plan: Plan #1

Date Composed: 7/31/2006  
Version: 1  
Tied-to: From Surface

Principal: Yes

### Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	353.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
530.00	0.00	353.31	530.00	0.00	0.00	0.00	0.00	0.00	0.00	
1683.04	34.59	353.31	1614.26	335.32	-39.36	3.00	3.00	0.00	353.31	
2778.10	34.59	353.31	2515.74	952.76	-111.84	0.00	0.00	0.00	0.00	
3931.14	0.00	353.31	3600.00	1288.08	-151.20	3.00	-3.00	0.00	180.00	Vertical Point
9581.14	0.00	353.31	9250.00	1288.08	-151.20	0.00	0.00	0.00	353.31	PBHL

### Survey

MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
530.00	0.00	353.31	530.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP Build 3°/100'
600.00	2.10	353.31	599.98	1.27	-0.15	1.28	3.00	3.00	0.00	
700.00	5.10	353.31	699.78	7.51	-0.88	7.56	3.00	3.00	0.00	
800.00	8.10	353.31	799.10	18.92	-2.22	19.05	3.00	3.00	0.00	
900.00	11.10	353.31	897.69	35.48	-4.17	35.73	3.00	3.00	0.00	
1000.00	14.10	353.31	995.27	57.15	-6.71	57.54	3.00	3.00	0.00	Hold 34.59°
1100.00	17.10	353.31	1091.58	83.85	-9.84	84.43	3.00	3.00	0.00	
1200.00	20.10	353.31	1186.34	115.53	-13.56	116.32	3.00	3.00	0.00	
1300.00	23.10	353.31	1279.31	152.09	-17.85	153.13	3.00	3.00	0.00	
1400.00	26.10	353.31	1370.22	193.42	-22.70	194.75	3.00	3.00	0.00	
1500.00	29.10	353.31	1458.83	239.43	-28.11	241.08	3.00	3.00	0.00	
1600.00	32.10	353.31	1544.90	289.98	-34.04	291.98	3.00	3.00	0.00	
1683.04	34.59	353.31	1614.26	335.32	-39.36	337.62	3.00	3.00	0.00	
1700.00	34.59	353.31	1628.22	344.88	-40.48	347.25	0.00	0.00	0.00	
1800.00	34.59	353.31	1710.54	401.26	-47.10	404.02	0.00	0.00	0.00	

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# Ryan Energy Technologies

## Planning Report



Company: Dominion Exploration & Product  
Field: Uintah County, Utah  
Site: LCU 11-11H  
Well: Well #11-11H  
Wellpath: Original Hole

Date: 10/20/2008 Time: 10:40:47 Page: 2  
Co-ordinate(NE) Reference: Well: Well #11-11H, True North  
Vertical (TVD) Reference: SITE 5195.0  
Section (VS) Reference: Well (0.00N,0.00E,353.31Azi)  
Plan: Plan #1

### Survey

MD ft	Incl deg	Azimuth deg	TVD ft	+N-S ft	+E-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1900.00	34.59	353.31	1792.87	457.65	-53.72	460.79	0.00	0.00	0.00	
2000.00	34.59	353.31	1875.19	514.03	-60.34	517.56	0.00	0.00	0.00	
2100.00	34.59	353.31	1957.51	570.42	-66.96	574.33	0.00	0.00	0.00	
2200.00	34.59	353.31	2039.83	626.80	-73.58	631.11	0.00	0.00	0.00	
2300.00	34.59	353.31	2122.16	683.19	-80.20	687.88	0.00	0.00	0.00	
2400.00	34.59	353.31	2204.48	739.57	-86.81	744.65	0.00	0.00	0.00	
2500.00	34.59	353.31	2286.80	795.96	-93.43	801.42	0.00	0.00	0.00	
2600.00	34.59	353.31	2369.12	852.34	-100.05	858.19	0.00	0.00	0.00	
2700.00	34.59	353.31	2451.44	908.73	-106.67	914.97	0.00	0.00	0.00	
2778.10	34.59	353.31	2515.74	952.76	-111.84	959.30	0.00	0.00	0.00	Drop 3"/100'
2800.00	33.93	353.31	2533.84	965.01	-113.28	971.63	3.00	-3.00	0.00	
2900.00	30.93	353.31	2618.23	1018.27	-119.53	1025.28	3.00	-3.00	0.00	
3000.00	27.93	353.31	2705.31	1067.07	-125.26	1074.40	3.00	-3.00	0.00	
3100.00	24.93	353.31	2794.85	1111.28	-130.45	1118.91	3.00	-3.00	0.00	
3200.00	21.93	353.31	2886.59	1150.77	-135.08	1158.67	3.00	-3.00	0.00	
3300.00	18.93	353.31	2980.28	1185.45	-139.15	1193.58	3.00	-3.00	0.00	
3400.00	15.93	353.31	3075.68	1215.20	-142.64	1223.54	3.00	-3.00	0.00	
3500.00	12.93	353.31	3172.51	1239.95	-145.55	1248.47	3.00	-3.00	0.00	
3533.27	11.94	353.31	3205.00	1247.07	-146.39	1255.63	3.00	-3.00	0.00	Wasatch Tongue
3600.00	9.93	353.31	3270.51	1259.64	-147.86	1268.29	3.00	-3.00	0.00	
3700.00	6.93	353.31	3369.42	1274.21	-149.57	1282.95	3.00	-3.00	0.00	
3800.00	3.93	353.31	3468.96	1283.61	-150.68	1292.42	3.00	-3.00	0.00	
3856.12	2.25	353.31	3525.00	1286.62	-151.03	1295.45	3.00	-3.00	0.00	Green River Tongue
3900.00	0.93	353.31	3568.86	1287.83	-151.17	1296.67	3.00	-3.00	0.00	
3931.14	0.00	353.31	3600.00	1288.08	-151.20	1296.92	3.00	-3.00	0.00	Vertical Point
3986.14	0.00	353.31	3655.00	1288.08	-151.20	1296.92	0.00	0.00	0.00	Wasatch
4000.00	0.00	353.31	3668.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
4100.00	0.00	353.31	3768.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
4200.00	0.00	353.31	3868.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
4281.14	0.00	353.31	3950.00	1288.08	-151.20	1296.92	0.00	0.00	0.00	Intermediate
4300.00	0.00	353.31	3968.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
4400.00	0.00	353.31	4068.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
4500.00	0.00	353.31	4168.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
4600.00	0.00	353.31	4268.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
4700.00	0.00	353.31	4368.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
4800.00	0.00	353.31	4468.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
4866.14	0.00	353.31	4535.00	1288.08	-151.20	1296.92	0.00	0.00	0.00	Chapita Wells
4900.00	0.00	353.31	4568.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
5000.00	0.00	353.31	4668.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
5100.00	0.00	353.31	4768.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
5200.00	0.00	353.31	4868.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
5300.00	0.00	353.31	4968.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
5400.00	0.00	353.31	5068.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
5500.00	0.00	353.31	5168.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
5600.00	0.00	353.31	5268.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
5700.00	0.00	353.31	5368.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
5800.00	0.00	353.31	5468.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
5900.00	0.00	353.31	5568.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
6000.00	0.00	353.31	5668.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
6006.14	0.00	353.31	5675.00	1288.08	-151.20	1296.92	0.00	0.00	0.00	Uteland Buttes
6100.00	0.00	353.31	5768.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
6200.00	0.00	353.31	5868.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
6300.00	0.00	353.31	5968.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
6400.00	0.00	353.31	6068.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	

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# Ryan Energy Technologies Planning Report



Company: Dominion Exploration & Product  
Field: Uintah County, Utah  
Site: LCU 11-11H  
Well: Well #11-11H  
Wellpath: Original Hole

Date: 10/20/2006 Time: 10:40:47  
Co-ordinate(NE) Reference: Well: Well #11-11H, True North  
Vertical (TVD) Reference: SITE 5195.0  
Section (VS) Reference: Well (0.00N,0.00E,353.31Azi)  
Plan: Plan #1

Page: 3

## Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6500.00	0.00	353.31	6168.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	Mesaverde
6600.00	0.00	353.31	6268.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
6700.00	0.00	353.31	6368.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
6756.14	0.00	353.31	6425.00	1288.08	-151.20	1296.92	0.00	0.00	0.00	
6800.00	0.00	353.31	6468.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
6900.00	0.00	353.31	6568.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
7000.00	0.00	353.31	6668.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
7100.00	0.00	353.31	6768.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
7200.00	0.00	353.31	6868.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
7300.00	0.00	353.31	6968.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
7400.00	0.00	353.31	7068.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
7500.00	0.00	353.31	7168.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
7600.00	0.00	353.31	7268.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
7700.00	0.00	353.31	7368.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
7800.00	0.00	353.31	7468.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
7900.00	0.00	353.31	7568.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
8000.00	0.00	353.31	7668.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
8100.00	0.00	353.31	7768.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
8200.00	0.00	353.31	7868.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
8300.00	0.00	353.31	7968.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
8400.00	0.00	353.31	8068.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
8500.00	0.00	353.31	8168.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
8600.00	0.00	353.31	8268.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
8700.00	0.00	353.31	8368.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
8800.00	0.00	353.31	8468.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
8900.00	0.00	353.31	8568.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
9000.00	0.00	353.31	8668.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
9100.00	0.00	353.31	8768.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
9200.00	0.00	353.31	8868.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
9300.00	0.00	353.31	8968.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
9400.00	0.00	353.31	9068.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	PBHL
9500.00	0.00	353.31	9168.86	1288.08	-151.20	1296.92	0.00	0.00	0.00	
9581.14	0.00	353.31	9250.00	1288.08	-151.20	1296.92	0.00	0.00	0.00	

## Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude → Deg Min Sec			← Longitude → Deg Min Sec		
Vertical Point			3600.00	1288.08	-151.20	7127876.12	2159920.56	39	52	23.011 N	109	38	55.779 W
-Plan hit target													
PBHL			9250.00	1288.08	-151.20	7127876.12	2159920.56	39	52	23.011 N	109	38	55.779 W
-Plan hit target													

## Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
4281.14	3950.00	9.625	12.250	Intermediate

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# Ryan Energy Technologies

## Planning Report



Company: Dominion Exploration & Product  
Field: Uintah County, Utah  
Site: LCU 11-11H  
Well: Well #11-11H  
Wellpath: Original Hole

Date: 10/20/2006

Time: 10:40:47

Page: 4

Co-ordinate(NE) Reference:

Well: Well #11-11H, True North

Vertical (TVD) Reference:

SITE 5195.0

Section (VS) Reference:

Well (0.00N,0.00E,353.31Azi)

Plan:

Plan #1

### Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
3533.27	3205.00	Wasatch Tongue		0.00	0.00
3856.12	3525.00	Green River Tongue		0.00	0.00
3986.14	3655.00	Wasatch		0.00	0.00
4866.14	4535.00	Chapita Wells		0.00	0.00
6006.14	5675.00	Uteland Buttes		0.00	0.00
6756.14	6425.00	Mesaverde		0.00	0.00

### Annotation

MD ft	TVD ft	
530.00	530.00	KOP Build 3°/100'
1683.04	1614.26	Hold 34.59°
2778.10	2515.74	Drop 3°/100'
3931.14	3600.00	Hold 0°

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**SURFACE USE PLAN**  
**CONDITIONS OF APPROVAL**

*Attachment for Permit to Drill*

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** LCU 11-11H  
SHL: 692' FSL & 2130' FWL Section 11-11S-20E  
BHL: 1980' FSL & 1980' FWL Section 11-11S-20E  
Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The BLM onsite inspection for the referenced well was conducted on Thursday, May 18, 2006 at approximately 2:00 pm. In attendance at the onsite inspection were the following individuals:

Karl Wright	Nat. Res. Prot. Spec.	Bureau of Land Management – Vernal
Brandon McDonald	Wildlife Biologist	Bureau of Land Management – Vernal
Ken Secrest	Field Foreman	Dominion E & P, Inc.
Brandon Bowthorpe	Surveyor	Uintah Engineering & Land Surveying
Billy McClure	Foreman	LaRose Construction
Randy Jackson	Foreman	Jackson Construction
Don Hamilton	Agent	Buys & Associates, Inc.

1. **Existing Roads:**

- a. The proposed well site is located approximately 15.17 miles south of Ouray, UT.
- b. Directions to the proposed well site have been attached at the end of Exhibit B.
- c. The use of roads under State and County Road Department maintenance are necessary to access the Little Canyon Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- d. All existing roads will be maintained and kept in good repair during all phases of operation.
- e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- f. Since no improvements are anticipated to any State, County, Tribal or BLM access roads no topsoil striping will occur.
- g. An off-lease federal right-of-way is not anticipated for the access road or utility corridor since both are located within the existing Little Canyon Unit boundary.

2. Planned Access Roads:

- a. From the proposed LCU 12-11H access road an access is proposed trending south approximately 0.45 miles to the proposed well site. The access consists of entirely new disturbance and crosses no significant drainages.
- b. A road design plan is not anticipated at this time.
- c. The proposed access road will consist of a 24' travel surface within a 30' disturbed area across BLM lands.
- d. BLM approval to construct and utilize the proposed access road is requested with this application.
- e. A maximum grade of 10% will be maintained throughout the project.
- f. No turnouts are proposed.
- g. No low water crossings and no culverts are anticipated. Adequate drainage structures will be incorporated into the road.
- h. No surfacing material will come from federal or Indian lands.
- i. No gates or cattle guards are anticipated at this time.
- j. Surface disturbance and vehicular travel will be limited to the approved location access road.
- k. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).
- l. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

- a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown or Carlsbad Canyon to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient

capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.

- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the north side of the well site and traverse 2,334' north to the proposed LCU 12-11H pipeline corridor.
- i. The new gas pipeline will be a 10" or less steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 2,334' is associated with this well.
- j. Dominion intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

- a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the east side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 16 mil minimum thickness plastic nylon reinforced liner

material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.

- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.
- k. Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.
- l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

- a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the north.
- c. The pad and road designs are consistent with BLM specification
- d. A pre-construction meeting with responsible company representative, contractors and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters from entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- l. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface (Interim Reclamation and Final Reclamation):

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.
- c. Following BLM published Best Management Practices the interim reclamation will be completed within 90 days of completion of the well to reestablish vegetation, reduce dust and erosion and compliment the visual resources of the area.
  - a. All equipment and debris will be removed from the area proposed for interim



reclamation and the pit area will be backfilled and re-contoured.

- b. The area outside of the rig anchors and other disturbed areas not needed for the operation of the well will be re-contoured to blend with the surrounding area and reseeded at 12 lbs /acre with the following native grass seeds:
  - 1. Crested Wheat Grass (4 lbs / acre)
  - 2. Needle and Thread Grass (4 lbs / acre)
  - 3. Rice Grass (4 lbs / acre)
- c. Reclaimed areas receiving incidental disturbance during the life of the producing well will be re-contoured and reseeded as soon as practical.
- d. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- e. Prior to final abandonment of the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be detailed within their approval documents.

11. Surface and Mineral Ownership:

- a. Surface Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.
- b. Mineral Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

12. Other Information:

- a. AIA Archaeological will conduct a Class III archeological survey. A copy of the report will be submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Alden Hamblin has conducted a paleontological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Alden Hamblin.
- c. Our understanding of the results of the onsite inspection are:
  - a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.
  - b. No drainage crossings that require additional State or Federal approval are being crossed.

13. Operator's Representative and Certification

<u>Title</u>	<u>Name</u>	<u>Office Phone</u>
Company Representative (Roosevelt)	Ken Secrest	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-637-4075

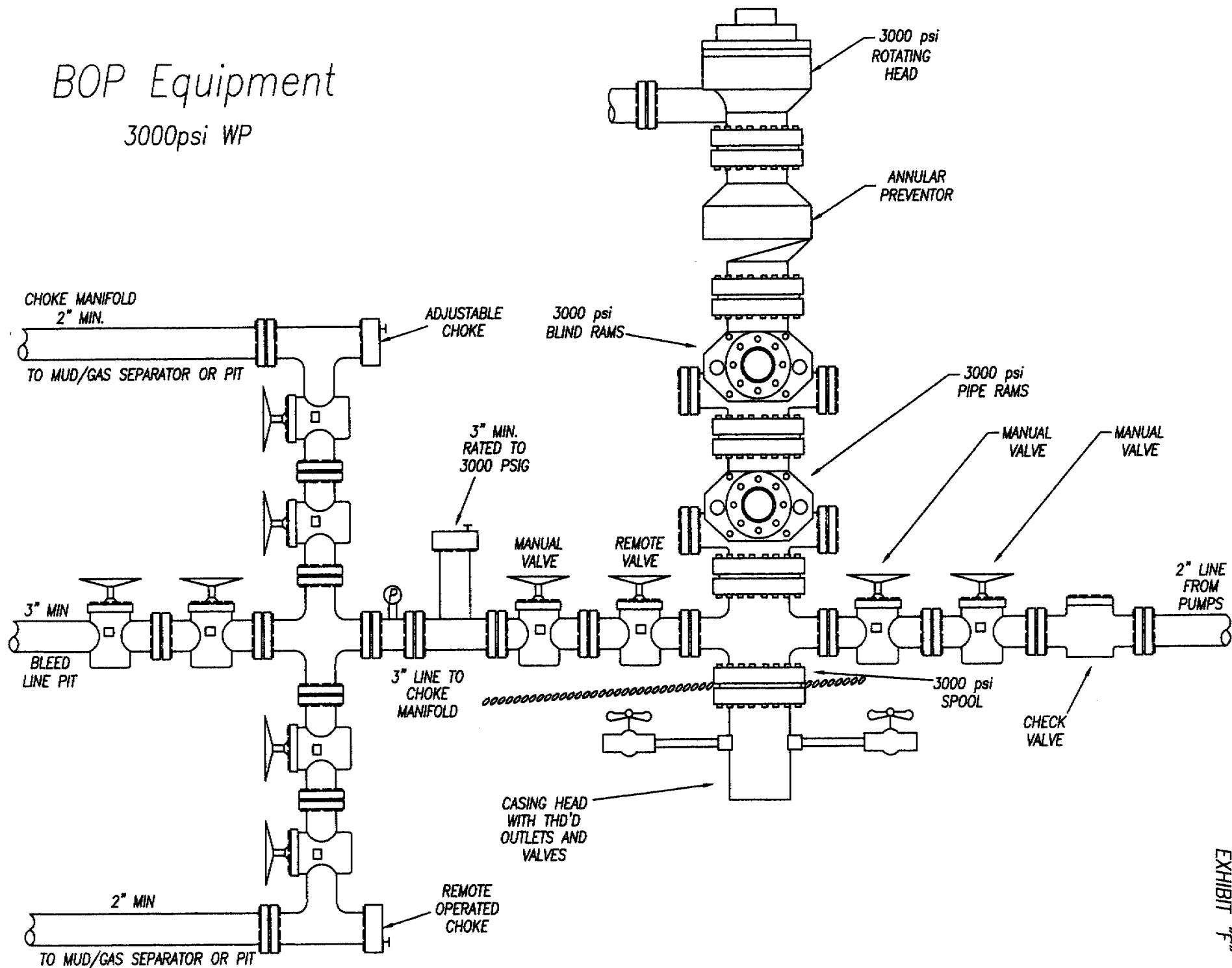
**Certification:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Signature: Don Hamilton Date: 10-30-06

# BOP Equipment

3000psi WP



## LOCATION LAYOUT FOR

Construct  
Catchment  
Basin

C-7.0'  
El. 86.2'

CONSTRUCT  
DIVERSION  
DITCH


Revised: 03-27-06 P.M.

Flare Pit is to be located  
a min. of 100' from the  
Well Head. /

Approx.  
Top of  
Cut Slope

**Reserve Pit Backfill  
& Spoils Stockpile**

**FLARE PIT**



El. 85.7'  
C-18.5'  
(btm. pit)

20' WIDE  
BENCH

El. 86.1'  
C-6.9'

C-5.2'  
El. 84.4'

DOG HOUSE

Sta. 2+05

F-16.2'  
El. 63.0'

**NO DISTURBANCE**

Total Pit Capacity  
W/2' of Freeboard  
= 11,980 Bbls. ±  
Total Pit Volume  
= 3,310 Cu. Yds.

10' WIDE BENCH/DIKE

RESERVE PITS  
(12' Deep)

C-0.4'  
El. 79.6'

C-0.9'

Round Corners  
as Needed \

Approx.  
Toe of  
Fill Slope

C-9.8'  
El. 77.0'  
(btm. pit)

20' WIDE  
BENCH/DIKE

*Pit Topsoil*

Sta. 0+00

F-14.7'  
El. 64.5'

Elev. Ungraded Ground at #14-11H Location Stake = 5184.4'  
Elev. Graded Ground at #14-11H Location Stake = 5179.2'

**UINTAH ENGINEERING & LAND SURVEYING**  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

# DOMINION EXPLR. & PROD., INC.

## TYPICAL CROSS SECTIONS FOR

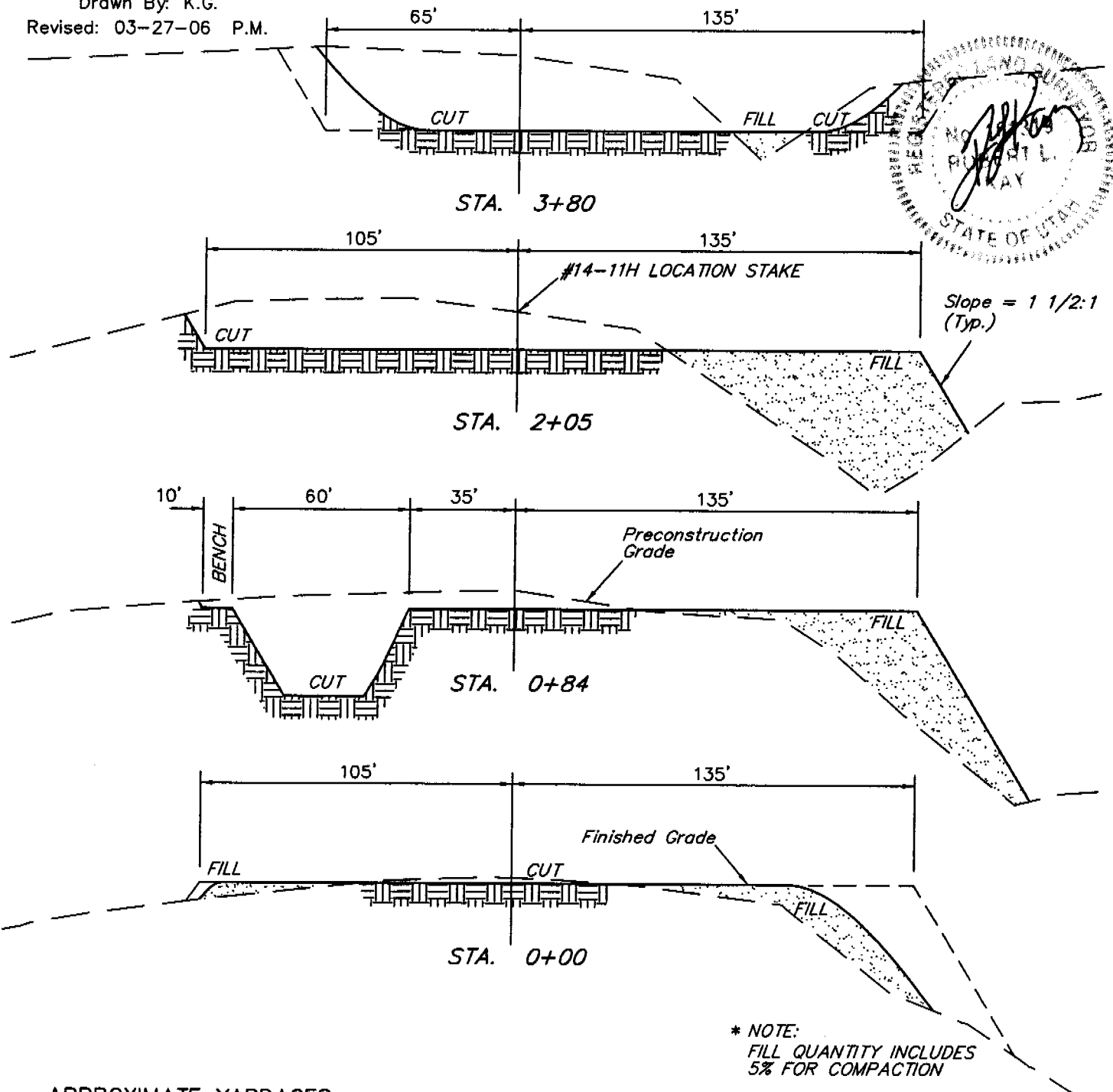
LCU #14-11H & #11-11H  
SECTION 11, T11S, R20E, S.L.B.&M.  
SE 1/4 SW 1/4

1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 6-30-05

Drawn By: K.G.

Revised: 03-27-06 P.M.



### APPROXIMATE YARDAGES

#### CUT

(6") Topsoil Stripping = 1,910 Cu. Yds.

Remaining Location = 12,140 Cu. Yds.

TOTAL CUT = 14,050 CU.YDS.

FILL = 10,480 CU.YDS.

EXCESS MATERIAL = 3,570 Cu. Yds.

Topsoil & Pit Backfill = 3,570 Cu. Yds.  
(1/2 Pit Vol.)

EXCESS UNBALANCE = 0 Cu. Yds.  
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

# DOMINION EXPLR. & PROD., INC.

LCU #14-11H & #11-11H

LOCATED IN UINTAH COUNTY, UTAH

SECTION 11, T11S, R20E, S.L.B.&M.

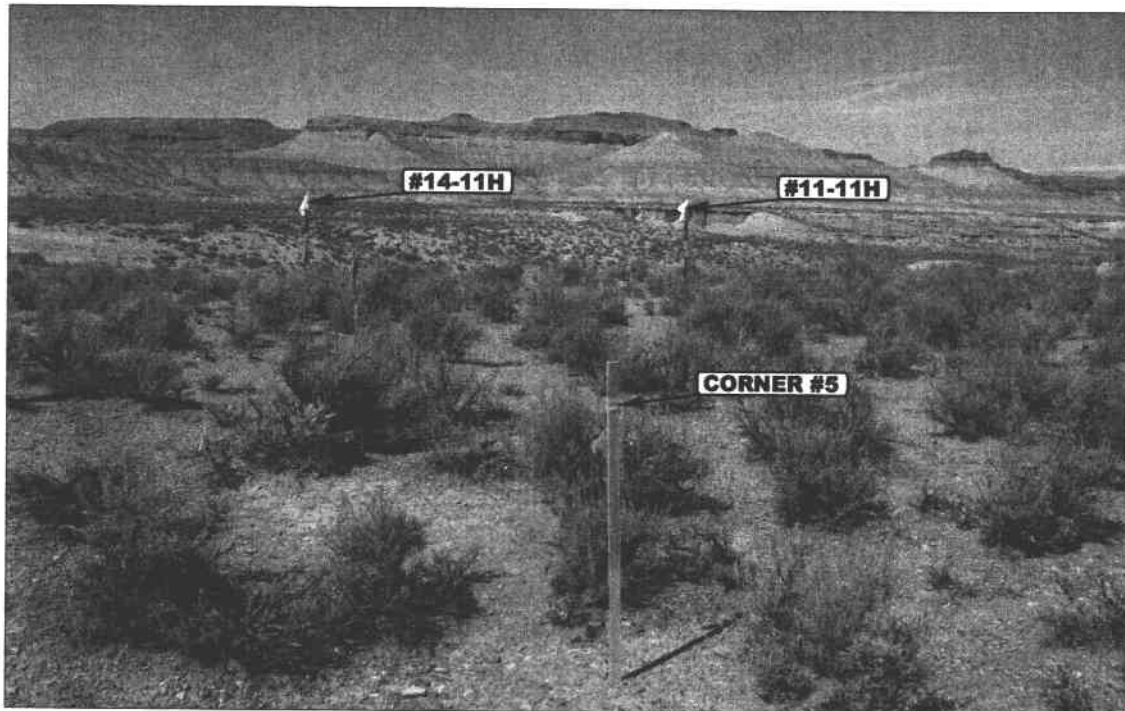


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

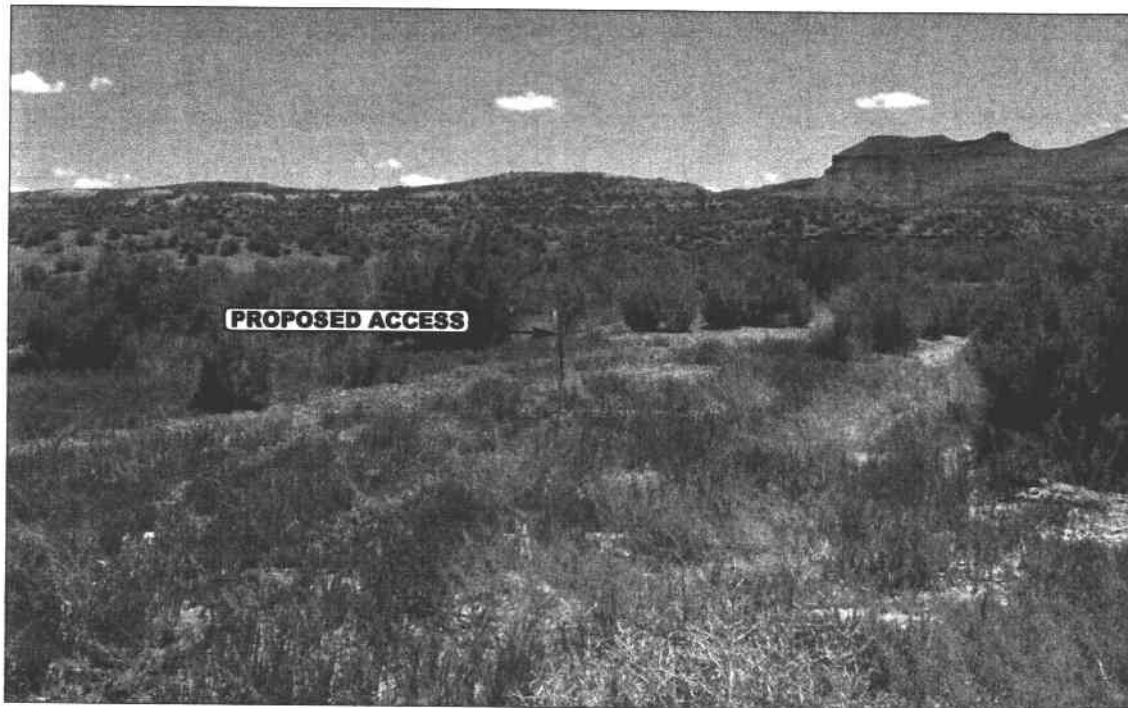


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHWESTERLY



- Since 1964 -

**E&L**

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

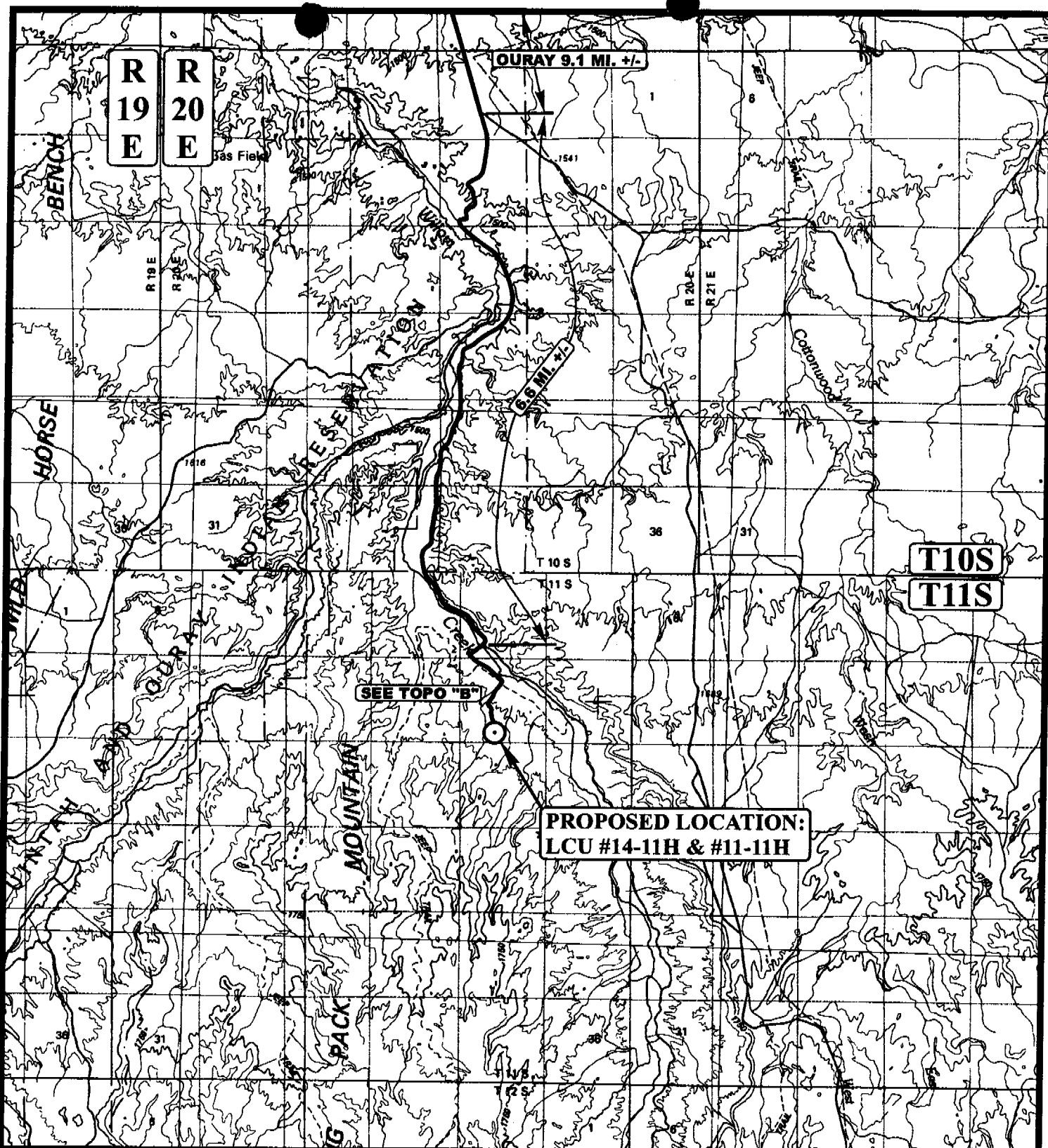
06 30 05  
MONTH DAY YEAR

PHOTO

TAKEN BY: B.B.

DRAWN BY: C.P.

REVISED: 03-29-06



# **LEGEND:**

○ PROPOSED LOCATION

N

**DOMINION EXPLR. & PROD., INC.**

LCU #14-11H & #11-11H  
SECTION 11, T11S, R20E, S.L.B.&M.  
SE ¼ SW ¼



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

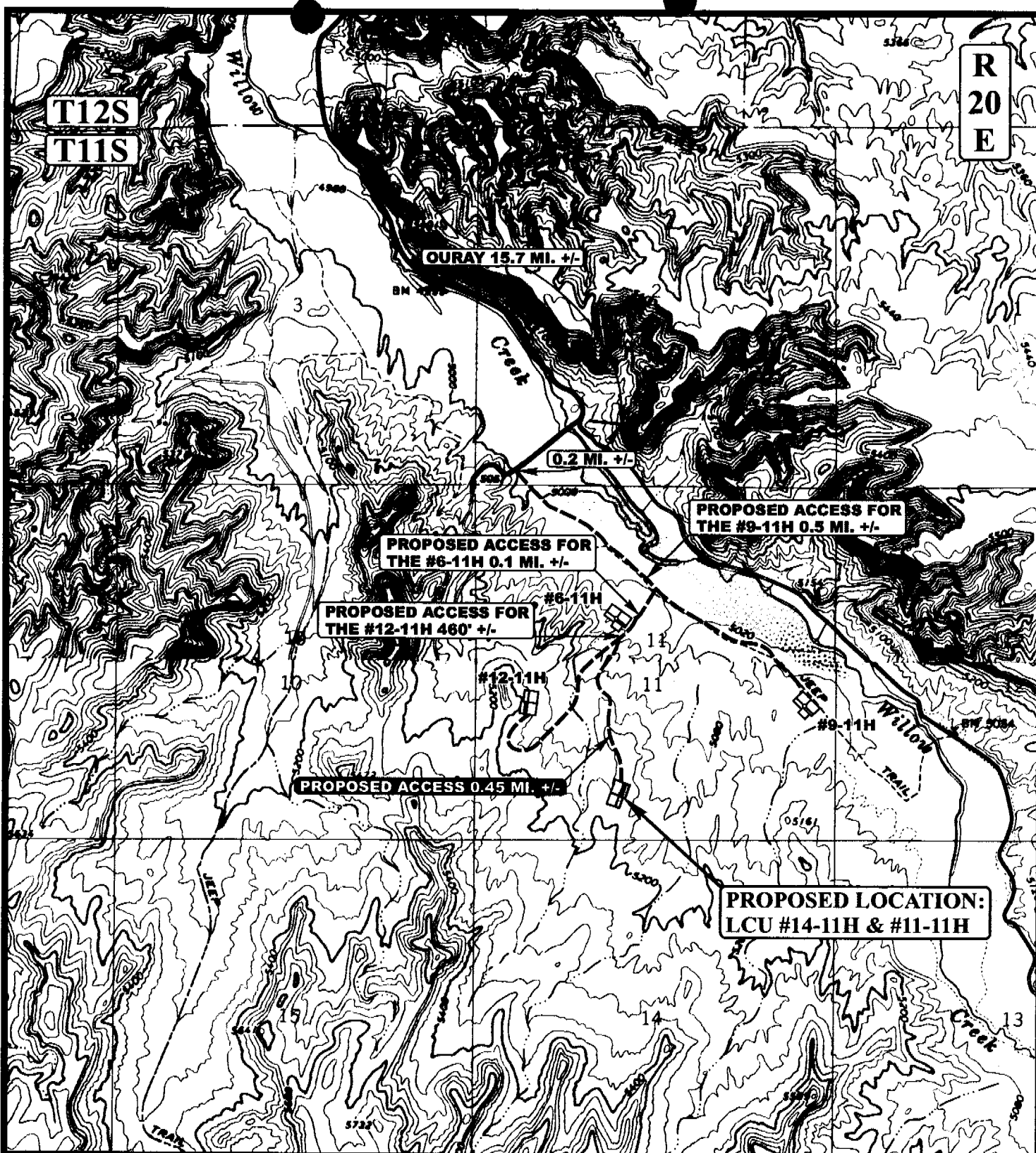


TOPOGRAPHIC  
MAP

06	30	05
MONTH	DAY	YEAR

SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 03-29-06

**A**  
TOPO



# **LEGEND:**

————— EXISTING ROAD  
 - - - - - PROPOSED ACCESS ROAD

**DOMINION EXPLR. & PROD., INC.**

LCU #14-11H & #11-11H  
 SECTION 11, T11S, R20E, S.L.B.&M.  
 SE ¼ SW ¼



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



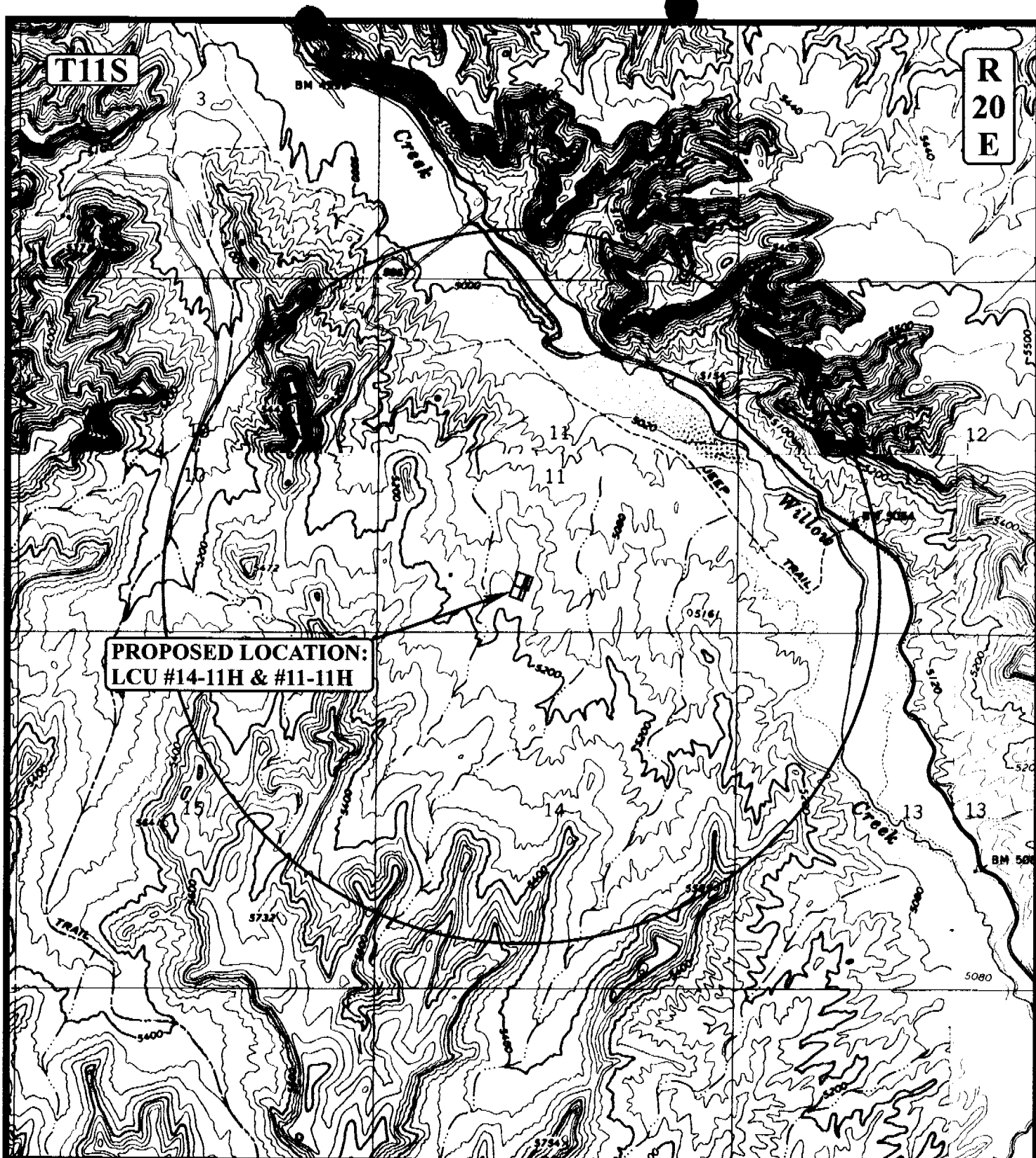
**TOPOGRAPHIC**  
**MAP**

**06** **30** **05**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 03-29-06

**B**  
 TOPO





# LEGEND:

- |                   |                         |
|-------------------|-------------------------|
| ○ DISPOSAL WELLS  | ○ WATER WELLS           |
| ● PRODUCING WELLS | ● ABANDONED WELLS       |
| ● SHUT IN WELLS   | ● TEMPORARILY ABANDONED |



# DOMINION EXPLR. & PROD., INC.

LCU #14-11H & #11-11H  
SECTION 11, T11S, R20E, S.L.B.&M.  
SE ¼ SW ¼



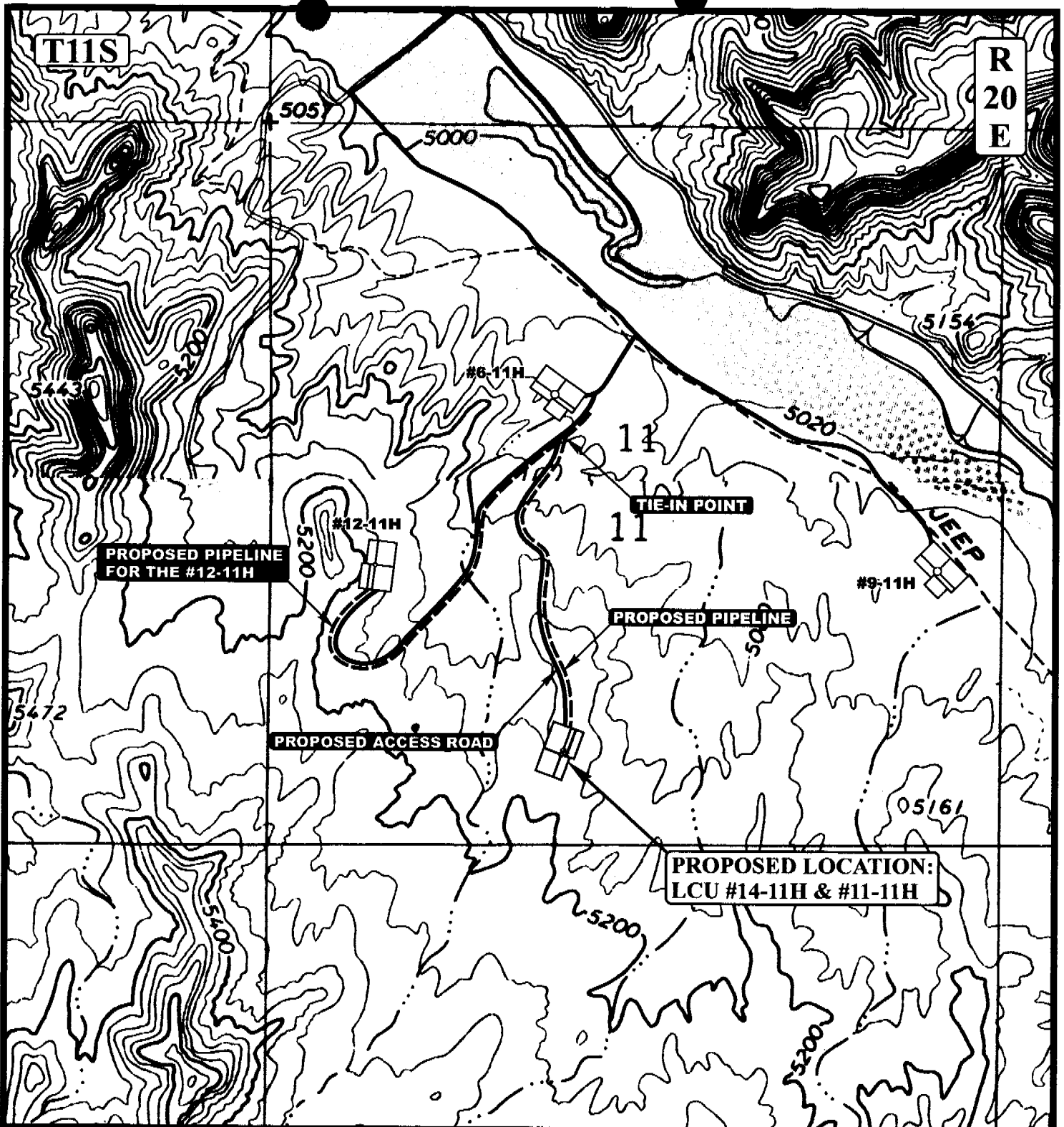
Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC  
MAP

06 30 05  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 03-29-06





APPROXIMATE TOTAL PIPELINE DISTANCE = 2,334' +/-

# **LEGEND:**

- PROPOSED ACCESS ROAD
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)



## **DOMINION EXPLR. & PROD., INC.**

LCU #14-11H & #11-11H  
SECTION 11, T11S, R20E, S.L.B.&M.  
SE ¼ SW ¼



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC  
MAP

06 30 05  
MONTH DAY YEAR

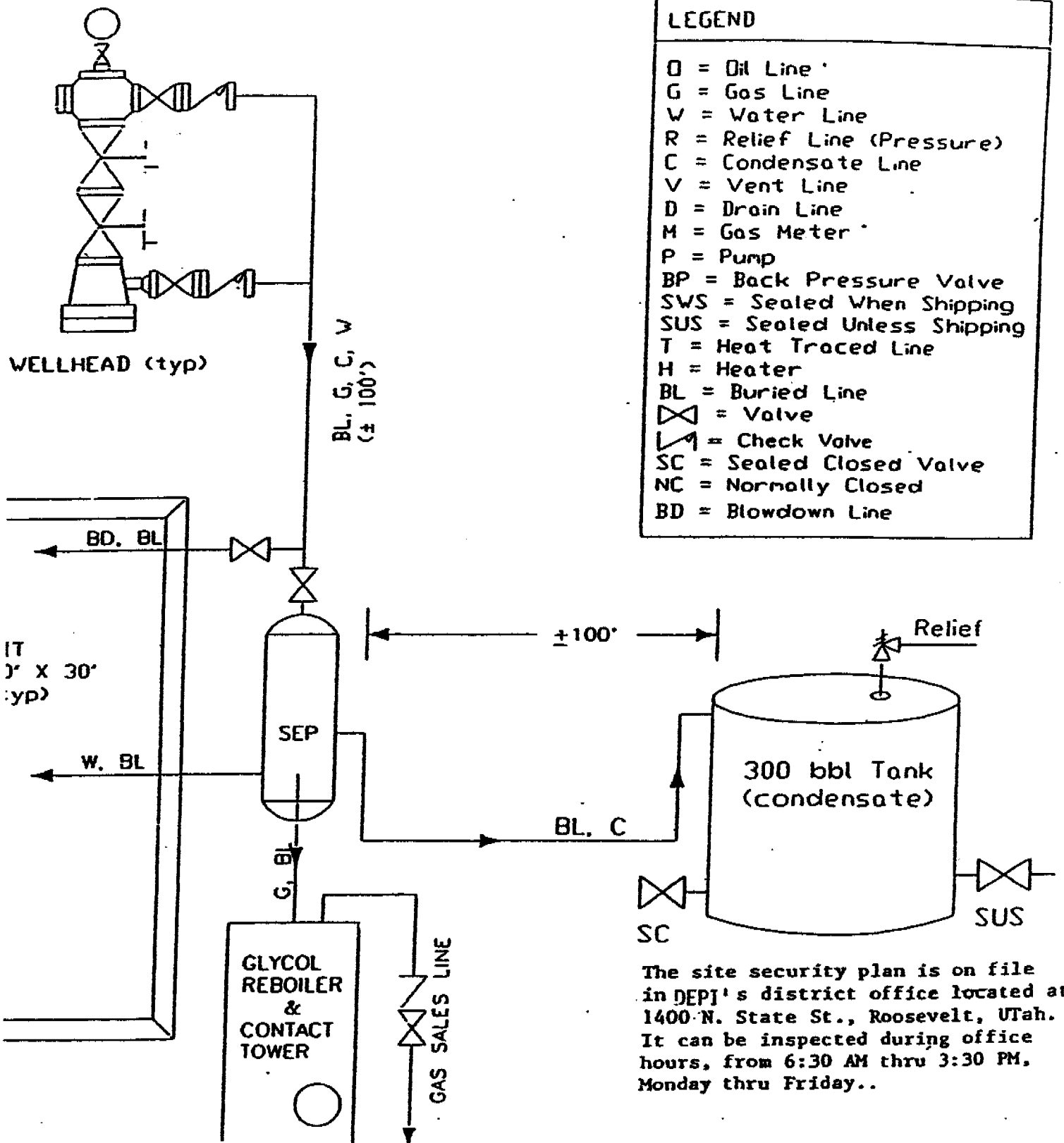
SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 03-29-06



DOMINION EXPLR. & PROD., INC.  
LCU #14-11H & #11-11H  
SECTION 11, T11S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #9-11H TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #6-11H TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #12-11H TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 460' TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 0.45 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 48.75 MILES.



**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/01/2006

API NO. ASSIGNED: 43-047-38790

WELL NAME: LCU 11-11H

OPERATOR: DOMINION EXPL & PROD ( N1095 )

CONTACT: DON HAMILTON

PHONE NUMBER: 405-749-5263

**PROPOSED LOCATION:**

SESW 11 110S 200E

SURFACE: 0692 FSL 2130 FWL

BOTTOM: 1980 FSL 1980 FWL

COUNTY: UINTAH

LATITUDE: 39.86961 LONGITUDE: -109.6476

UTM SURF EASTINGS: 615667 NORTHINGS: 4413950

FIELD NAME: UNDESIGNATED ( 2 )

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-73436

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

**RECEIVED AND/OR REVIEWED:**

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. WY 3322 )

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit  
(No. 43-10447 )

☒ RDCC Review (Y/N)  
(Date: )

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

**LOCATION AND SITING:**

☐ R649-2-3.

Unit: LITTLE CANYON

☐ R649-3-2. General  
Siting: 460' From Qtr/Qtr & 920' Between Wells

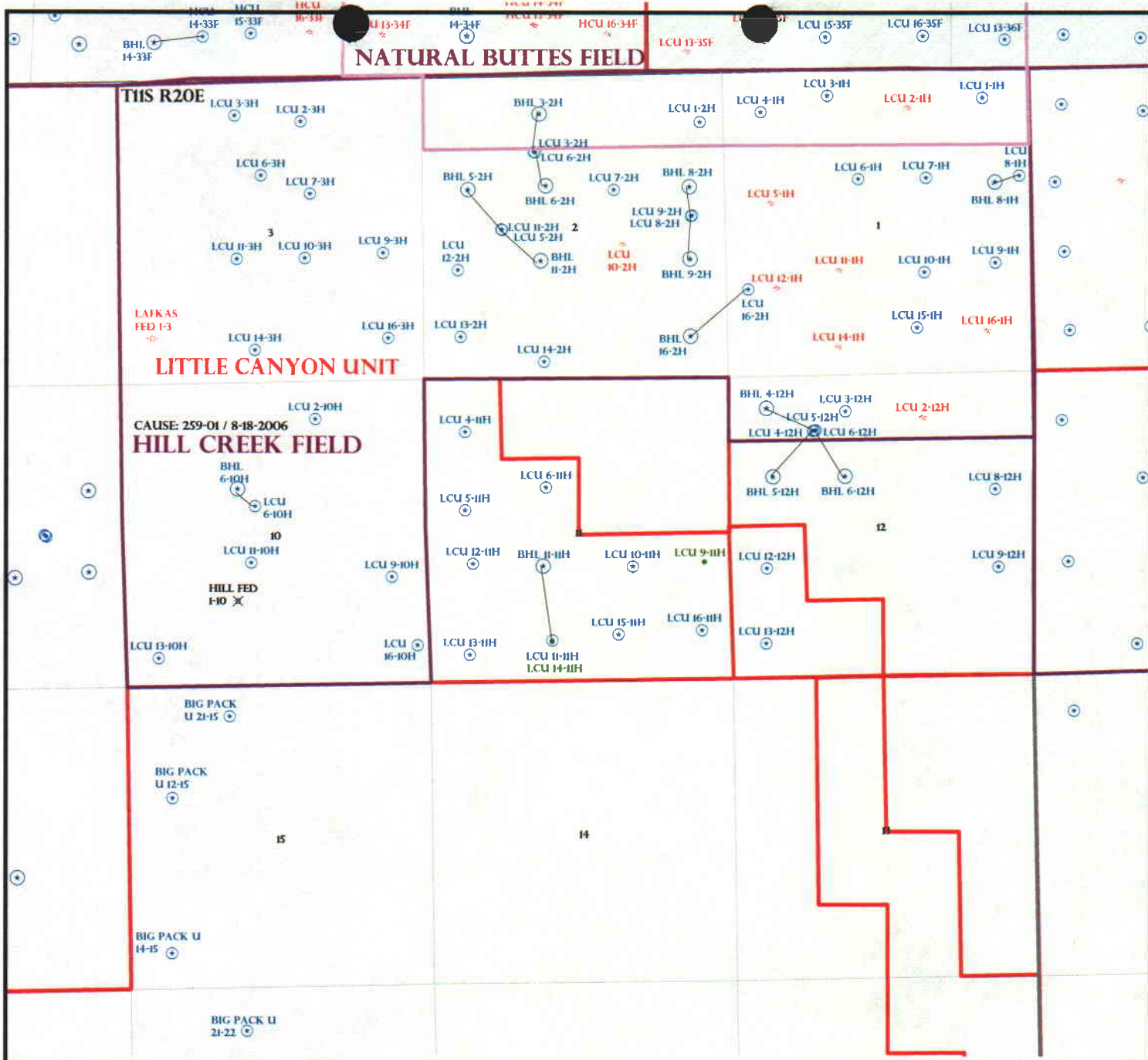
☐ R649-3-3. Exception

☒ Drilling Unit  
Board Cause No: 259-01  
Eff Date: 8-18-2006  
Siting: 460' Fr 220' Drilling Unit. Tracts

☐ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS: 1- Federal Approval



OPERATOR: DOMINION EXPL & PROD (N1095)

SEC: 11 T.11S R. 20E

FIELD: UNDESIGNATED (002)

COUNTY: UTAH

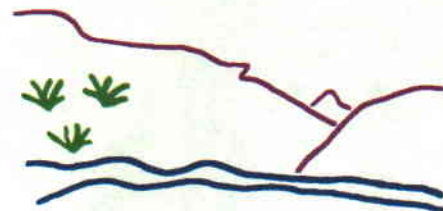
CAUSE: 259-01 / 8-18-2006

**Field Status**  
 [ ] ABANDONED  
 [ ] ACTIVE  
 [ ] COMBINED  
 [ ] INACTIVE  
 [ ] PROPOSED  
 [ ] STORAGE  
 [ ] TERMINATED

**Unit Status**  
 [ ] EXPLORATORY  
 [ ] GAS STORAGE  
 [ ] NF PP OIL  
 [ ] NF SECONDARY  
 [ ] PENDING  
 [ ] PI OIL  
 [ ] PP GAS  
 [ ] PP GEOTHERML  
 [ ] PP OIL  
 [ ] SECONDARY  
 [ ] TERMINATED

**Wells Status**

[ ] GAS INJECTION  
 [ ] GAS STORAGE  
 [ ] LOCATION ABANDONED  
 [ ] NEW LOCATION  
 [ ] PLUGGED & ABANDONED  
 [ ] PRODUCING GAS  
 [ ] PRODUCING OIL  
 [ ] SHUT-IN GAS  
 [ ] SHUT-IN OIL  
 [ ] TEMP. ABANDONED  
 [ ] TEST WELL  
 [ ] WATER INJECTION  
 [ ] WATER SUPPLY  
 [ ] WATER DISPOSAL  
 [ ] DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON  
 DATE: 6-NOVEMBER-2006

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

November 6, 2006

### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2006 Plan of Development Little Canyon Unit Uintah County,  
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Little Canyon Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
43-047-38790	LCU 11-11H Sec 11 T11S R20E 0692 FSL 2130 FWL	
	BHL Sec 11 T11S R20E 1980 FSL 1980 FWL	
43-047-38788	LCU 06-10H Sec 10 T11S R20E 2200 FNL 2250 FWL	
	BHL Sec 10 T11S R20E 1900 FNL 1950 FWL	
43-047-38789	LCU 13-10H Sec 10 T11S R20E 0473 FSL 0534 FWL	
43-047-38791	LCU 03-12H Sec 12 T11S R20E 0655 FNL 2031 FWL	
43-047-38784	LCU 11-35F Sec 35 T10S R20E 2232 FSL 2001 FWL	
43-047-38785	LCU 05-36F Sec 36 T10S R20E 1999 FNL 0736 FWL	

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File – Little Canyon Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

November 7, 2006

Dominion Exploration & Productions, Inc.  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134

Re: Little Canyon Unit 11-11H Well, Surface Location 692' FSL, 2130' FWL,  
SE SW, Sec. 11, T. 11 South, R. 20 East, Bottom Location 1980' FSL,  
1980' FWL, NE SW, Sec. 11, T. 11 South, R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38790.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor (via e-mail)  
Bureau of Land Management, Vernal District Office



**Operator:** Dominion Exploration & Productions, Inc.  
**Well Name & Number** Little Canyon Unit 11-11H  
**API Number:** 43-047-38790  
**Lease:** UTU-73436

**Surface Location:** SE SW      **Sec.** 11      **T.** 11 South      **R.** 20 East  
**Bottom Location:** NE SW      **Sec.** 11      **T.** 11 South      **R.** 20 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**7/1/2007**

**FROM: (Old Operator):**

N1095-Dominion Exploration & Production, Inc  
 14000 Quail Springs Parkway, Suite 600  
 Oklahoma City, OK 73134

Phone: 1 (405) 749-1300

**TO: ( New Operator):**

N2615-XTO Energy Inc  
 810 Houston St  
 Fort Worth, TX 76102

Phone: 1 (817) 870-2800

**CA No.**

**Unit:**

**LITTLE CANYON**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/6/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/6/2007
- a. Is the new operator registered in the State of Utah: Business Number: 5655506-0143
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: \_\_\_\_\_
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 9/27/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/27/2007
- Bond information entered in RBDMS on: 9/27/2007
- Fee/State wells attached to bond in RBDMS on: 9/27/2007
- Injection Projects to new operator in RBDMS on: 9/27/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000138
- Indian well(s) covered by Bond Number: n/a
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
- b. The **FORMER** operator has requested a release of liability from their bond on: 1/23/2008

The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

XTO Energy Inc.

N 2615

3. ADDRESS OF OPERATOR: 810 Houston Street

CITY Fort Worth

STATE TX

ZIP 76102

PHONE NUMBER:

(817) 870-2800

4. LOCATION OF WELL

FOOTAGES AT SURFACE: SEE ATTACHED

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

SEE ATTACHED

9. API NUMBER:

SEE ATTACHED

10. FIELD AND POOL, OR WILDCAT:

Natural Buttes

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Exploration & Production, Inc.  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134

N 1095

*James D. Abercrombie*  
James D. Abercrombie  
Sr. Vice President, General Manager - Western Business Unit  
(405) 749-1300

Please be advised that XTO Energy Inc. is considered to be the operator on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources Bond #104312762.

NAME (PLEASE PRINT) Edwin S. Ryan, Jr.

TITLE Sr. Vice President - Land Administration

SIGNATURE

*Edwin S. Ryan, Jr.*

DATE 7/31/2007

(This space for State use only)

APPROVED

9127107

*Earlene Russell*

Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

AUG 06 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**Request to Transfer Application or Permit to Drill**

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	SEE ATTACHED LIST
API number:	
Location:	Qtr-Qtr:      Section:      Township:      Range
Company that filed original application:	DOMINION E&P
Date original permit was issued:	
Company that permit was issued to:	DOMINION E&P

Check one	Desired Action:
<input type="checkbox"/>	Transfer pending (unapproved) Application for Permit to Drill to new operator
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	Transfer approved Application for Permit to Drill to new operator
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?		<input checked="" type="checkbox"/>
If so, has the surface agreement been updated?		
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?		<input checked="" type="checkbox"/>
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. <u>104312762</u>	<input checked="" type="checkbox"/>	

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) HOLLY C. PERKINS Title REGULATORY COMPLIANCE TECH  
Signature *Holly C. Perkins* Date 08/27/2007  
Representing (company name) XTO ENERGY INC.

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

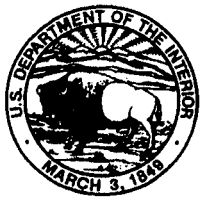
AUG 30 2007

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304736892	LCU 5-9H	SWNW	09	110S	200E	UTU-34350		Federal	GW	APD
4304736893	LCU 5-17H	SWNW	17	110S	200E	UTU-76265		Federal	GW	APD
4304736896	LCU 11-9H	NESW	09	110S	200E	UTU-76265		Federal	GW	APD
4304737059	LCU 2-17H	NWNE	17	110S	200E	UTU-76265		Federal	GW	APD
4304737285	LCU 11-17H	NESW	17	110S	200E	UTU-76265		Federal	OW	APD
4304737286	LCU 7-17H	SWNE	17	110S	200E	UTU-76265		Federal	OW	APD
4304737448	LCU 9-8H	NESE	08	110S	200E	UTU-76265		Federal	OW	APD
4304737653	LCU 14-9H	SESW	09	110S	200E	UTU-76265		Federal	GW	APD
4304737997	LCU 9-10H	NESE	10	110S	200E	UTU-44089		Federal	GW	APD
4304738069	LCU 8-35F	SENE	35	100S	200E	U-01470D		Federal	GW	APD
4304738070	LCU 12-35F	NWSW	35	100S	200E	U-01470D		Federal	GW	APD
4304738071	LCU 15-35F	SWSE	35	100S	200E	U-01470D		Federal	GW	APD
4304738072	LCU 16-35F	SESE	35	100S	200E	U-01470D		Federal	GW	APD
4304738073	LCU 1-1H	NENE	01	110S	200E	UTU-76264		Federal	GW	APD
4304738074	LCU 9-9H	NWSE	09	110S	200E	UTU-76265		Federal	GW	APD
4304738093	LCU 9-1H	NESE	01	110S	200E	UTU-73436		Federal	GW	APD
4304738094	LCU 6-1H	SENW	01	110S	200E	UTU-76264		Federal	GW	APD
4304738095	LCU 4-1H	NWNW	01	110S	200E	UTU-76264		Federal	GW	APD
4304738096	LCU 3-1H	NENW	01	110S	200E	UTU-76264		Federal	GW	APD
4304738097	LCU 15-1H	SWSE	01	110S	200E	UTU-73436		Federal	GW	APD
4304738098	LCU 10-1H	NWSE	01	110S	200E	UTU-73436		Federal	GW	APD
4304738183	LCU 6-35F	SENW	35	100S	200E	U-01470C		Federal	GW	APD
4304738184	LCU 8-9H	NWSE	09	110S	200E	UTU-34350		Federal	GW	APD
4304738185	LCU 8-1H	SENE	01	110S	200E	UTU-76264		Federal	GW	APD
4304738296	LCU 3-17H	NENW	17	110S	200E	UTU-76265		Federal	GW	APD
4304738297	LCU 12-17H	NWSW	17	110S	200E	UTU-76265		Federal	GW	APD
4304738298	LCU 13-17H	SWSW	17	110S	200E	UTU-76265		Federal	GW	APD
4304738379	LCU 2-3H	NWNE	03	110S	200E	UTU-44090-A		Federal	GW	NEW
4304738419	LCU 16-10H	SESE	10	110S	200E	UTU-44089		Federal	GW	APD
4304738420	LCU 5-11H	SWNW	11	110S	200E	UTU-73436		Federal	GW	APD
4304738421	LCU 10-11H	NWSE	11	110S	200E	UTU-73436		Federal	GW	APD
4304738422	LCU 13-11H	SWSW	11	110S	200E	UTU-73436		Federal	GW	APD
4304738423	LCU 15-11H	SWSE	11	110S	200E	UTU-73436		Federal	GW	APD
4304738424	LCU 16-11H	SESE	11	110S	200E	UTU-73436		Federal	GW	APD
4304738503	LCU 4-12H	NENW	12	110S	200E	UTU-73436		Federal	GW	APD
4304738504	LCU 5-12H	NENW	12	110S	200E	UTU-73436		Federal	GW	APD
4304738505	LCU 6-12H	NENW	12	110S	200E	UTU-73436		Federal	GW	APD
4304738676	LCU 12-9H	NWSW	09	110S	200E	UTU-76265		Federal	GW	APD
4304738677	LCU 6-9H	SENW	09	110S	200E	UTU-34350		Federal	GW	APD
4304738678	LCU 4-11H	NWNW	11	110S	200E	UTU-73436		Federal	GW	APD
4304738679	LCU 9-12H	NESE	12	110S	200E	UTU-73436		Federal	GW	APD
4304738682	LCU 14-6G	SESW	06	110S	210E	UTU-81728		Federal	GW	APD
4304738683	LCU 13-6G	SWSW	06	110S	210E	UTU-81728		Federal	GW	APD
4304738684	LCU 10-6G	NWSE	06	110S	210E	UTU-81728		Federal	GW	APD
4304738685	LCU 5-6G	SWNW	06	110S	210E	UTU-75700		Federal	GW	APD
4304738686	LCU 4-6G	NWNW	06	110S	210E	UTU-75700		Federal	GW	APD
4304738687	LCU 7-6G	SWNE	06	110S	210E	UTU-075700		Federal	GW	APD
4304738688	LCU 3-6G	NENW	06	110S	210E	UTU-075700		Federal	GW	APD

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304738784	LCU 11-35F	NESW	35	100S	200E	UTU-82703		Federal	GW	APD
4304738788	LCU 6-10H	SENE	10	110S	200E	UTU-44089		Federal	GW	APD
4304738789	LCU 13-10H	SWSW	10	110S	200E	UTU-44089		Federal	GW	APD
4304738790	LCU 11-11H	SESW	11	110S	200E	UTU-73436		Federal	GW	APD
4304738791	LCU 3-12H	NENW	12	110S	200E	UTU-73436		Federal	GW	APD
4304738892	LCU 7-10H	SWNE	10	110S	200E	UTU-44089		Federal	GW	APD
4304738893	LCU 1-12H	NENE	12	110S	200E	UTU-73436		Federal	GW	APD
4304738946	LCU 13-1H	NWSW	01	110S	200E	UTU-73436		Federal	GW	APD
4304738947	LCU 16-12H	SESE	12	110S	200E	UTU-73436		Federal	GW	APD
4304739050	LCU 15-4H	SWSE	04	110S	200E	UTU-81430		Federal	GW	APD
4304739158	LCU 15-3H	SWSE	03	110S	200E	UTU-34350		Federal	GW	APD
4304739159	LCU 5-3H	NENE	04	110S	200E	UTU-44090-A		Federal	GW	APD
4304739160	LCU 4-3H	NENE	04	110S	200E	UTU-44090-A		Federal	GW	APD
4304739161	LCU 8-8H	SENE	08	110S	200E	UTU-81430		Federal	GW	APD
4304739220	LCU 9-35F	NESE	35	100S	200E	UTU-82703		Federal	GW	APD
4304739221	LCU 7-35F	SWNE	35	100S	200E	UTU-82703		Federal	GW	APD
4304739224	LCU 14-10H	SESW	10	110S	200E	UTU-44089		Federal	GW	APD
4304739225	LCU 3-10H	NENW	10	110S	200E	UTU-44089		Federal	GW	APD
4304736773	LCU 6-16H	SENE	16	110S	200E	ML-48772		State	GW	APD
4304736808	LCU 13-12H	SWSW	12	110S	200E	FEE		Fee	GW	APD
4304736809	LCU 12-16H	NWSW	16	110S	200E	ML-48772		State	GW	APD
4304738027	LCU 1-2H	NENE	02	110S	200E	ML-48771		State	GW	APD
4304738255	LCU 6-2H	SENE	02	110S	200E	ML-48771		State	GW	APD
4304738272	LCU 3-2H	SENE	02	110S	200E	ML-48771		State	GW	APD
4304738343	LCU 14-2H	SESW	02	110S	200E	ML-48771		State	GW	APD
4304738675	LCU 16-2H	NWSW	01	110S	200E	ML-48771		State	GW	APD
4304738680	LCU 10-16H	NWSE	16	110S	200E	ML-48772		State	GW	APD
4304738681	LCU 14-16H	SESW	16	110S	200E	ML-48772		State	GW	APD
4304738785	LCU 5-36F	SWNW	36	100S	200E	ML-47391		State	GW	APD
4304739173	LCU 13-16H	SWSW	16	110S	200E	ML-48772		State	GW	APD
4304739174	LCU 11-16H	NESW	16	110S	200E	ML-48772		State	GW	APD
4304739223	LCU 4-16H	NWNW	16	110S	200E	ML-48772		State	GW	APD



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3180  
UT-922

Dominion Exploration & Production, Inc.  
Attn: James D. Abercrombie  
14000 Quail Springs Parkway, #600  
Oklahoma City, OK 73134-2600

August 10, 2007

Re: Little Canyon Unit  
Uintah County, Utah

Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the Little Canyon Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 15, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Little Canyon Unit Agreement.

Your statewide oil and gas bond No. UTB000138 will be used to cover all operations within the River Bend Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

Enclosure

RECEIVED  
AUG 16 2007  
DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73436
2. NAME OF OPERATOR XTO Energy		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: P.O. Box 1360 Roosevelt CO 84066		7. UNIT or CA AGREEMENT NAME: Little Canyon Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: 692' FSL & 2,130' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 11 11S 20E S		8. WELL NAME and NUMBER: LCU 11-11H
PHONE NUMBER: (435) 722-4521		9. API NUMBER: 4304738790
COUNTY: Uintah		10. FIELD AND POOL OR WILDCAT: Undesignated
STATE: UTAH		

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER <u>Permit Extension</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy hereby requests a one year extension of the state permit for the referenced well.

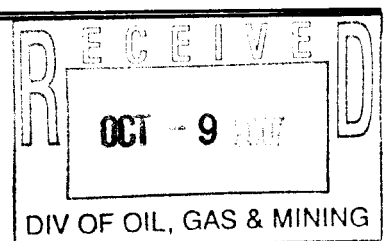
This is the first extension that has been requested.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 10-10-07  
By: [Signature]

NAME (PLEASE PRINT) Marnie Griffin TITLE Agent for XTO Energy  
SIGNATURE [Signature] DATE 10/3/2007

(This space for State use only)





**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4304738790  
**Well Name:** LCU 11-11H  
**Location:** 11 11S 20E 692' FSL & 2,130' FWL  
**Company Permit Issued to:** XTO Energy  
**Date Original Permit Issued:** 11/7/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

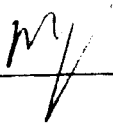
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Signature



Date

11.3.2007

Title: Agent

Representing: XTO Energy

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73436
2. NAME OF OPERATOR: XTO Energy, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: P.O. Box 1360 CITY Roosevelt STATE UT ZIP 84066		7. UNIT or CA AGREEMENT NAME: Little Canyon Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: 692' FSL & 2,130' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 11 11S 20E S		8. WELL NAME and NUMBER: LCU 11-11H
PHONE NUMBER: (435) 722-4521		9. API NUMBER: 4304738790
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Undesignated
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <u>Permit Extension</u>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy, Inc. hereby requests a one year extension of the state permit for the referenced well.

This is the second extension that has been requested.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 10/30/08  
By: D. Johnson

NAME (PLEASE PRINT) Kendell Johnson

TITLE Agent for XTO Energy, Inc.

SIGNATURE

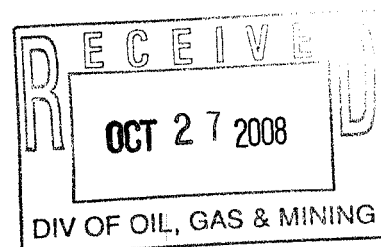
DATE 9/22/2008

(This space for State use only)

COPY SENT TO OPERATOR

(See Instructions on Reverse Side)

Date: 10.30.2008  
Initials: KS



**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 4304738790  
**Well Name:** LCU 11-11H  
**Location:** 692' FSL & 2,130' FWL Sec. 11, 11S-20E  
**Company Permit Issued to:** XTO Energy, Inc.  
**Date Original Permit Issued:** 11/7/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

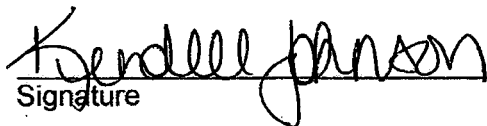
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

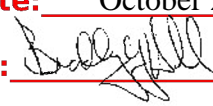
  
Signature

9/22/2008

Date

Title: Kendell Johnson

Representing: XTO Energy, Inc.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-73436
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>7. UNIT or CA AGREEMENT NAME:</b> LITTLE CANYON
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410		<b>8. WELL NAME and NUMBER:</b> LCU 11-11H
<b>PHONE NUMBER:</b> 505 333-3159 Ext		<b>9. API NUMBER:</b> 43047387900000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0692 FSL 2130 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 11 Township: 11.0S Range: 20.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> HILL CREEK
		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/20/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input checked="" type="checkbox"/> APD EXTENSION            OTHER: _____         </div> </div>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> XTO hereby requests a one year extension for the State Permit for the referenced well.		
<b>Approved by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> <u>October 28, 2009</u> <b>By:</b> 		
<b>NAME (PLEASE PRINT)</b> Eden Fine		<b>PHONE NUMBER</b> 505 333-3664
<b>SIGNATURE</b> N/A		<b>TITLE</b> Permitting Clerk
		<b>DATE</b> 10/27/2009



## The Utah Division of Oil, Gas, and Mining

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

### Request for Permit Extension Validation Well Number 43047387900000

**API:** 43047387900000

**Well Name:** LCU 11-11H

**Location:** 0692 FSL 2130 FWL QTR SESW SEC 11 TWP 110S RNG 200E MER S

**Company Permit Issued to:** XTO ENERGY INC

**Date Original Permit Issued:** 11/7/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Signature:** Eden Fine

**Date:** 10/27/2009

**Title:** Permitting Clerk **Representing:** XTO ENERGY INC

**Date:** October 28, 2009

**By:** 

**RECEIVED** October 27, 2009

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-73436
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>7. UNIT or CA AGREEMENT NAME:</b> LITTLE CANYON
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410		<b>8. WELL NAME and NUMBER:</b> LCU 11-11H
<b>PHONE NUMBER:</b> 505 333-3159 Ext		<b>9. API NUMBER:</b> 43047387900000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0692 FSL 2130 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 11 Township: 11.0S Range: 20.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> HILL CREEK
		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

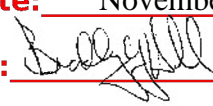
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 11/8/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> <b>APD EXTENSION</b> OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 XTO Energy hereby requests a one (1) year extension of the State APD for the referenced well.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: November 08, 2010

By: 

<b>NAME (PLEASE PRINT)</b> Krista Wilson	<b>PHONE NUMBER</b> 505 333-3647	<b>TITLE</b> Permitting Tech
<b>SIGNATURE</b> N/A		<b>DATE</b> 11/8/2010



## The Utah Division of Oil, Gas, and Mining

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

### Request for Permit Extension Validation Well Number 43047387900000

**API:** 43047387900000

**Well Name:** LCU 11-11H

**Location:** 0692 FSL 2130 FWL QTR SESW SEC 11 TWP 110S RNG 200E MER S

**Company Permit Issued to:** XTO ENERGY INC

**Date Original Permit Issued:** 11/7/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Signature:** Krista Wilson

**Date:** 11/8/2010

**Title:** Permitting Tech **Representing:** XTO ENERGY INC

**Date:** November 08, 2010

**By:** 

**RECEIVED** November 08, 2010

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-73436
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>7. UNIT or CA AGREEMENT NAME:</b> LITTLE CANYON
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410		<b>8. WELL NAME and NUMBER:</b> LCU 11-11H
<b>PHONE NUMBER:</b> 505 333-3159 Ext		<b>9. API NUMBER:</b> 43047387900000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0692 FSL 2130 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 11 Township: 11.0S Range: 20.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> HILL CREEK
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 11/15/2012  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input checked="" type="checkbox"/> <b>APD EXTENSION</b>          OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span> </div> </div>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> XTO Energy hereby requests a one (1) year extension of the State APD for the referenced well.		
<b>Approved by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> 11/23/2011 <b>By:</b>		
<b>NAME (PLEASE PRINT)</b> Krista Wilson		<b>PHONE NUMBER</b> 505 333-3647
<b>SIGNATURE</b> N/A		<b>TITLE</b> Permitting Tech
<b>DATE</b> 11/15/2011		





## The Utah Division of Oil, Gas, and Mining

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

### Request for Permit Extension Validation Well Number 43047387900000

**API:** 43047387900000

**Well Name:** LCU 11-11H

**Location:** 0692 FSL 2130 FWL QTR SESW SEC 11 TWP 110S RNG 200E MER S

**Company Permit Issued to:** XTO ENERGY INC

**Date Original Permit Issued:** 11/7/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Signature:** Krista Wilson

**Date:** 11/15/2011

**Title:** Permitting Tech **Representing:** XTO ENERGY INC

**RECEIVED** Nov. 15, 2011

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-73436
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>7. UNIT or CA AGREEMENT NAME:</b> LITTLE CANYON
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501, Englewood, CO, 80155		<b>8. WELL NAME and NUMBER:</b> LCU 11-11H
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0692 FSL 2130 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 11 Township: 11.0S Range: 20.0E Meridian: S		<b>9. API NUMBER:</b> 43047387900000
<b>9. FIELD and POOL or WILDCAT:</b> HILL CREEK		<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>9/30/2013</b>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> <b>APD EXTENSION</b> OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 XTO Energy requests a one (1) year extension of the State APD for the referenced well.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: November 13, 2012

By:

<b>NAME (PLEASE PRINT)</b> Richard L. Redus	<b>PHONE NUMBER</b> 303 397-3712	<b>TITLE</b> Regulatory
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/5/2012	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Request for Permit Extension Validation Well Number 43047387900000**

**API:** 43047387900000

**Well Name:** LCU 11-11H

**Location:** 0692 FSL 2130 FWL QTR SESW SEC 11 TWP 110S RNG 200E MER S

**Company Permit Issued to:** XTO ENERGY INC

**Date Original Permit Issued:** 11/7/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Signature:** Richard L. Redus

**Date:** 11/5/2012

**Title:** Regulatory

**Representing:** XTO ENERGY INC

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-73436
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>7. UNIT or CA AGREEMENT NAME:</b> LITTLE CANYON
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501, Englewood, CO, 80155		<b>8. WELL NAME and NUMBER:</b> LCU 11-11H
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0692 FSL 2130 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 11 Township: 11.0S Range: 20.0E Meridian: S		<b>9. API NUMBER:</b> 43047387900000
<b>9. FIELD and POOL or WILDCAT:</b> HILL CREEK		<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>7/11/2014</b>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> <b>APD EXTENSION</b> OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 XTO Energy requests a one (1) year extension of the State APD for the referenced well.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: November 05, 2013

By:

<b>NAME (PLEASE PRINT)</b> Sephra Baca	<b>PHONE NUMBER</b> 719 845-2103	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/4/2013	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43047387900000**

API: 43047387900000

Well Name: LCU 11-11H

Location: 0692 FSL 2130 FWL QTR SESW SEC 11 TWP 110S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC

Date Original Permit Issued: 11/7/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Sephra Baca

Date: 11/4/2013

Title: Regulatory Analyst Representing: XTO ENERGY INC

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-73436
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>7. UNIT or CA AGREEMENT NAME:</b> LITTLE CANYON
<b>3. ADDRESS OF OPERATOR:</b> PO Box 6501, Englewood, CO, 80155		<b>8. WELL NAME and NUMBER:</b> LCU 11-11H
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0692 FSL 2130 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 11 Township: 11.0S Range: 20.0E Meridian: S		<b>9. API NUMBER:</b> 43047387900000
<b>9. FIELD and POOL or WILDCAT:</b> HILL CREEK		<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>10/31/2015</b>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> <b>APD EXTENSION</b> OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 XTO energy requests a one (1) year extension of the State APD for the referenced well.

Approved by the  
 October 27, 2014  
 Oil, Gas and Mining

Date: \_\_\_\_\_

By:

<b>NAME (PLEASE PRINT)</b> Malia Villers	<b>PHONE NUMBER</b> 303 397-3670	<b>TITLE</b> Lead Permitting Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/20/2014	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Request for Permit Extension Validation Well Number 43047387900000**

API: 43047387900000

Well Name: LCU 11-11H

Location: 0692 FSL 2130 FWL QTR SESW SEC 11 TWP 110S RNG 200E MER S

Company Permit Issued to: XTO ENERGY INC

Date Original Permit Issued: 11/7/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

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- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Malia Villers

Date: 10/20/2014

Title: Lead Permitting Analyst Representing: XTO ENERGY INC



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

November 12, 2015

Malia Villers  
XTO Energy Inc.  
P.O. BOX 6501  
Englewood, CO 80155

43-047-38790

Re: APDs Rescinded for XTO Energy Inc., Uintah County

Dear Ms. Villers:

Enclosed find the list of APDs that you asked to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded effective November 11, 2015.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason  
Environmental Scientist

cc: Well File  
Bureau of Land Management, Vernal





Operator†	API Number†	Well Name†	Work Type†	Date Approved†	Date Permit Will Expire†
XTO ENERGY INC	4304738783	KC 14-33E	DRILL	11/07/2006	11/07/2015
XTO ENERGY INC	4304738784	LCU 11-35F	DRILL	11/07/2006	11/07/2015
XTO ENERGY INC	4304738788	LCU 6-10H	DRILL	11/07/2006	11/07/2015
XTO ENERGY INC	4304738789	LCU 13-10H	DRILL	11/07/2006	11/07/2015
XTO ENERGY INC	4304738790	LCU 11-11H	DRILL	11/07/2006	11/07/2015
XTO ENERGY INC	4304738791	LCU 3-12H	DRILL	11/07/2006	11/07/2015
XTO ENERGY INC	4304736047	HCU 15-31F	DRILL	11/08/2004	11/08/2015
XTO ENERGY INC	4304737361	HCU 2-28F	DRILL	11/10/2005	11/10/2015
XTO ENERGY INC	4304739785	RBU 13-15F	DRILL	11/19/2007	11/19/2015
XTO ENERGY INC	4304739787	RBU 6-22F	DRILL	11/19/2007	11/19/2015
XTO ENERGY INC	4304737423	RBU 2-21F	DRILL	11/29/2005	11/29/2015
XTO ENERGY INC	4304738889	KC 9-31E	DRILL	11/29/2006	11/29/2015
XTO ENERGY INC	4304738890	KC 13-31E	DRILL	11/29/2006	11/29/2015
XTO ENERGY INC	4304738891	KC 12-33E	DRILL	11/29/2006	11/29/2015
XTO ENERGY INC	4304738892	LCU 7-10H	DRILL	11/29/2006	11/29/2015
XTO ENERGY INC	4304738893	LCU 1-12H	DRILL	11/29/2006	11/29/2015